

INCL. FOR D



8 January 1946

Dir, Opns & Trg

**SUBJECT:** Specifications for Construction on the Orlando Demonstration Range

**TO :** Commanding Officer  
Orlando Army Air Base  
Orlando, Florida

**ATTENTION:** Director of Operations and Training

1. The following specifications for consolidation of existing demonstration ranges in the Orlando area are forwarded for necessary action by your command:

a. An all weather road will be constructed around the north-west side of the jeep track and will in general follow the present road. This road will start at the end of the hard surface road on the west side of the jeep track and continue in a northwesterly direction around the jeep track. This road is to be made with a built up sand base and to be of such height above local terrain as to permit all weather operation. The entire road may be surfaced with steel matting procured either from the present road to the Second Phase range or from Bushnell Army Air Field, and/or from the Chemical Demonstration range, and be of single vehicle width. This is shown on the attached diagram as Item A.

b. Bleachers (Item B) for this range will be the portable bleachers now located on the Chemical Demonstration range. Half of these bleachers will be moved to the position at the jeep track range marked Item B on the attached diagram and will be positioned on a 90° bearing, 410 feet distant from the north end of the jeep track and will have their longest axis in an easterly-westerly direction and placed so that occupants face to the south. These bleachers will be inspected thoroughly to determine that their condition is adequate for the designed load. The other half of the bleachers will remain at the present Chemical Demonstration range and be made ready for use at the Cannon Mills Airport for the paratrooper demonstrations. The position for these stands will be given at a later date in a separate letter of instruction.

c. The present building used as the switch control house on the Chemical Demonstration range will be moved to the Orlando demonstration range and placed at a point 20 feet west of the end of the bleachers (Item B). This control house is shown on the attached sketch as Item C. All wires for static detonations or demolitions will be brought into

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Spec for Constr. at the Orlando Demo Range, 8 Jan 45

this building as a control house. No part of the control house will be placed south of an east-west line passing through the rear-most set of portable bleachers.

d. Speaker platform. The loud speaker mounts will not be installed until further instructions are received from this office.

e. Placement of targets. The trucks in the convoy now located on the Second Phase range will be moved to position indicated by Item E on the attached diagram, which is on a true bearing of approximately  $120^{\circ}$  from the center of the jeep track and about 2300 feet from the center of the jeep track. The warehouse target will be moved to Point F on the attached sketch, which is approximately 1300 feet and on a true bearing of  $120^{\circ}$  from the center of the jeep track. Ship target will be moved from the Second Phase range and placed at Point G on the attached diagram, which is a position 1650 feet on a true bearing of  $95^{\circ}$  from the center of the jeep track. The tanks now located in a cluster at a point approximately 3200 feet on a true bearing of approximately  $140^{\circ}$  will be placed in two lines about 100 feet apart, four (4) tanks in each line, the lines following an east-west line at a point approximately 2800 feet on a true bearing of  $145^{\circ}$  from the center of the jeep track. The tanks will be spaced approximately three tank lengths apart in the two lines. The tank target is designated as Item H on the attached drawing.

f. Circular targets for CWS use will be placed at a point J on the attached diagram, which is located at a point approximately 2200 feet on a true bearing of  $140^{\circ}$  from the center of the jeep track. This target will be 100 feet in diameter, constructed of a bulls-eye and two rings of limrock of normal target proportions.

g. The ordnance demonstration area will remain at its present position, indicated on the attached diagram as letter "N" for the B-25, letter "M", for the small arms hard stand, and letter "L" for the AAA gun positions.

h. Chemical warfare offensive demonstration equipment, including targets, loud speakers and switch boxes, is to be moved to the area directly east of the north end of the jeep track. All control wires to be terminated in building (Item C) on attached diagram.

i. The present position of the latrines for both men and women is suitable; however, it will be necessary to construct all weather walks from the bleachers to the latrine buildings.

BY COMMAND OF BRIGADIER GENERAL EUBANK:

1 Incl  
Sketch of Consolidated Demo Area

HARRY E. WILSON  
Colonel, Air Corps  
Chief of Staff